LABDEX

Manual Lifting Rotary Evaporator LX2000MRE

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Description

Manual Lifting Rotary Evaporator LX2000MRE is a compact, upgraded model designed for small-scale applications. Constructed from high-quality Borosilicate Glass 3.3, it features a 1 L evaporating flask and is equipped with a double vertical condenser for efficient condensation. The unit includes electronic speed control for precise operation and uses a weight-balanced manual lift with a 100 mm range, along with a 150 mm auxiliary extension for added flexibility.

Specifications

Rotary bottle volume	Pyriform 1 L
Receiving bottle volume	Ball-shaped 1 L
Rotational speed	20 - 120 rpm
Material	Borosilicate glass 3.3
Condenser	Double vertical
Controller	Electronic speed control
Heating bath power	1.3 KW
Temperature control range	Indoor temperature + 5 °C - 180 °C
Temperature regulation accuracy	Water ± 1 °C, Oil ± 2 °C
Lifting method	Weight-balanced 100 mm with auxiliary extension 150 mm
Voltage	AC 220 V, 50 Hz
External dimension	510 x 380 x 750 mm
Packing dimension	510 x 380 x 750 mm
Gross weight	15 Kg

Features

- Constructed with high-quality Borosilicate Glass 3.3
- Contains ball-shaped receiving bottle with 1 L volume
- Integrated with a rotational speed regulator and temperature control device
- Digital display for clear visualization of rotational speed

- Temperature regulation accuracy: ±1 °C for water and ±2 °C for oil baths
- Equipped with a control panel and power switch
- Includes a manual lifting handle
- Fitted with a double vertical condenser

Applications

- It is ideal for routine solvent evaporation and distillation tasks in academic, research, and quality control laboratories, where precise temperature and speed control are essential for consistent performance.

Optional Accessories

- Chiller
- Vacuum pump

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